

Title (en)
A METHOD AND SYSTEM FOR REMOTE CHLOROPHYLL DETECTION AND DETERMINATION OF MEASUREMENT REGIONS FOR CHLOROPHYLL DIRECT MEASUREMENT

Title (de)
VERFAHREN UND SYSTEM ZUR FERNDETEKTION VON CHLOROPHYLL UND BESTIMMUNG VON MESSBEREICHEN ZUR DIREKTEN CHLOROPHYLLMESSUNG

Title (fr)
PROCÉDÉ ET SYSTÈME DE DÉTECTION DE CHLOROPHYLLE À DISTANCE ET DE DÉTERMINATION DE RÉGIONS DE MESURE POUR UNE MESURE DIRECTE DE CHLOROPHYLLE

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Application
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Priority
EP 22196661 A 20220920

Abstract (en)
System and method for remotely determining a chlorophyll concentration in crops present in agricultural fields, wherein a chlorophyll related vegetation index is combined with a water related vegetation index to determine a chlorophyll concentration. Further embodiments for the combination of remote and local sensing are included as well as the determination of measurement regions for that goal are disclosed.

IPC 8 full level
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Citation (applicant)

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- US 7746452 B2 20100629 - FUCHIGAMI LESLIE H [US], et al
- EP 2022056462 W 20220314

Citation (search report)

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- [A] US 2016202679 A1 20160714 - BERMUDEZ RODRIGUEZ SERGIO A [US], et al
- [A] CN 107014763 B 20191126
- [A] SERRANO JOÃO ET AL: "Evaluation of Normalized Difference Water Index as a Tool for Monitoring Pasture Seasonal and Inter-Annual Variability in a Mediterranean Agro-Silvo-Pastoral System", WATER, vol. 11, no. 1, 1 January 2019 (2019-01-01), CH, pages 62, XP093024811, ISSN: 2073-4441, DOI: 10.3390/w11010062

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